

IN THE CLAIMS

Please amend the claims as follows.

Claims 1-67. (Cancelled)

68. (Currently Amended) A data processing system, comprising:

a plurality of devices interconnected in a local area network, each of at least three of the devices having

multiple source modes each identifying at least one other mutually different device of the plurality of devices to receive data from the each device without identifying any of the devices to provide data to the each device, and

multiple sink modes each identifying at least one other device of the plurality of devices to provide data to the each device without identifying any of the devices to receive data from the each device;

a streaming controller to select among the multiple source modes and the multiple sink modes independently of each other for any of the at least three devices, so as to establish a data streaming connection among certain of the plurality of devices as identified by the selected source and sink modes, such that at least a first of the three devices is configurable to provide data to a second of the devices in the plurality without providing data to a third device in the plurality, and is configurable to receive data from the third device without receiving data from the second device.

69. (Currently Amended) The system of claim 68 where at least one of the source nodes modes for at least one of the at least three devices identifies multiple ones of the plurality of devices to receive streaming data from the each device.

70. (Currently Amended) The system of claim 68 where at least one of the sink nodes modes for at least one of the at least three devices identifies multiple ones of the plurality of devices to provide data to the each device.

71. (Previously Presented) The system of claim 68 where the at least three devices include a telephone, a computer to perform a data processing function upon the streaming data, and a gateway to an external network.

72. (Previously Presented) The system of claim 71 where the computer includes a source mode (4) identifying the gateway to receive data from the telephone and a sink mode (5) identifying the telephone to provide data to the computer.

73. (Previously Presented) The system of claim 72 where the telephone includes a source mode (5) identifying the computer to receive data from the telephone and a sink mode (1) identifying the gateway to provide data to the telephone.

74. (Previously Presented) The system of claim 72 where the gateway includes a source mode identifying the telephone to receive data from the gateway and a sink mode identifying the computer to provide data to the gateway.

75. (Previously Presented) The system of claim 71 where the telephone includes a source mode identifying both the computer and the gateway to receive data from the telephone and a sink mode identifying both the computer and the gateway to provide data to the telephone.

76. (Previously Presented) The system of claim 75 where the computer includes a source mode (2) identifying the telephone only to receive data from the computer and a sink mode (5) identifying the telephone only to provide data to the telephone.

77. (Previously Presented) The system of claim 75 where the gateway includes a source mode (1) identifying the telephone only to receive data from the computer and a sink mode (3) identifying the telephone only to provide data to the telephone.

78. (Previously Presented) The system of claim 68 where the streaming controller is distributed among multiple ones of the devices.

79. (Previously Presented) The system of claim 68 where the streaming controller is implemented as a discrete unit.

80. (Previously Presented) The system of claim 68 where the controller is adapted to lock the mode of at least one of the plurality of devices.

81. (Previously Presented) The system of claim 68 where the controller includes a semaphore to prevent multiple ones of the plurality of devices from simultaneously changing modes.

82. (Currently Amended) A method, comprising:

for each of at least three devices in a plurality of devices interconnected in a local area network, defining

multiple source modes each identifying at least one other mutually different device of the plurality of devices to receive data from the each device without identifying any of the devices to provide data to the each device;

multiple sink modes each identifying at least one other device of the plurality of devices to provide data to the each device without identifying any of the devices to receive data from the each device;

selecting among the multiple source modes and the multiple sink modes independently of each other for any of the at least three devices;

establishing a data streaming connection among certain of the plurality of devices as identified by the selected source and sink modes, such that at least a first of the three devices provides data to a second of the devices in the plurality without providing data to a third device in the plurality, and receives data from the third device without receiving data from the second device.

83. (Previously Presented) The method of claim 82 where at least one of the source nodes for at least one of the at least three devices identifies multiple ones of the plurality of devices to receive data from the each device.

84. (Previously Presented) The method of claim 82 where at least one of the sink nodes for at least one of the at least three devices identifies multiple ones of the plurality of devices to provide data to the each device.

85. (Previously Presented) The method of claim 82 where the streaming data is voice data.

86. (Previously Presented) The method of claim 82 where at least one of the devices in the at least three devices sends and receives the streaming data to and from an external network.

87. (Previously Presented) The method of claim 82 where at least one of the devices in the at least three devices performs a processing function upon the streaming data.

88. (Previously Presented) The method of claim 87 where the processing function includes one or more of the group comprising
converting voice data to text data,
converting text data to voice data,
translating data to a different language,
recognizing voice data,
executing voice commands.

89. (Previously Presented) The method of claim 82 further comprising communicating streaming data among the certain devices.

90. (Previously Presented) The method of claim 89 further comprising locking the mode of at least one of the plurality of devices during the communication.

91. (Previously Presented) The method of claim 89 further comprising preventing multiple ones of the plurality of devices from simultaneously changing modes.

92. (Currently Amended) A computer readable medium having instructions stored thereon to perform a method comprising:

for each of at least three devices in a plurality of devices interconnected in a local area network, defining

multiple source modes each identifying at least one other mutually different device of the plurality of devices to receive data from the each device without identifying any of the devices to provide data to the each device;

multiple sink modes each identifying at least one other device of the plurality of devices to provide data to the each device without identifying any of the devices to receive data from the each device;

selecting among the multiple source modes and the multiple sink modes independently of each other for any of the at least three devices;

establishing a data streaming connection among certain of the plurality of devices as identified by the selected source and sink modes, such that at least a first of the three devices provides data to a second of the devices in the plurality without providing data to a third device in the plurality, and receives data from the third device without receiving data from the second device.

93. (Previously Presented) The medium of claim 92 where at least one of the source nodes for at least one of the at least three devices identifies multiple ones of the plurality of devices to receive data from the each device.

94. (Previously Presented) The medium of claim 92 where at least one of the sink nodes for at least one of the at least three devices identifies multiple ones of the plurality of devices to provide data to the each device.

AMENDMENT UNDER 37 C.F.R. 1.116 – EXPEDITED PROCEDURE

Serial Number: 09/470292

Filing Date: December 22, 1999

Title: CONTROL OF STREAMING OF SIGNALS IN A LOCAL AREA NETWORK

Assignee: Intel Corporation

Page 7

Dkt: 884.181US1 (INTEL)

95. (Previously Presented) The medium of claim 92 where at least one of the devices in the at least three devices performs a processing function upon the streaming data.